

RECEIVED
CENTRAL FAX CENTER
2024084400 TO 15712730727#

APR 02 2007

PTO/SB/43 (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DISCLAIMER IN PATENT UNDER 37 CFR 1.321(a)

Name of Patentee University of Massachusetts Represented by its Amherst Campus	Docket Number (Optional) 9960.0007-01
Patent Number 6,235,969	Date Patent Issued May 22, 2001

Title of Invention **Cloning Pigs Using Donor Nuclei from
Non-Quiescent Differentiated Cells**

I hereby disclaim the following complete claims in the above identified patent:
Claims 1-26

The extent of my interest in said patent is (If assignee of record, state liber and page, or reel and frame, where assignment is recorded): **Reel 8945, Frame 0282**

The fee for this disclaimer is set forth in 37 CFR 1.20(d).

- ☐ Patentee claims small entity status. See 37 CFR 1.27.
- ☐ Small entity status has already been established in this case, and is still proper.
- ☒ A check in the amount of the fee is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge any fees which may be required or credit any overpayment to Deposit Account No. _____ I have enclosed a duplicate copy of this form.

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Signed at Washington, State of D.C., this 12th day of March, 2007.


Signature

46,063

Registration Number, if applicable

202-408-4160

Telephone Number

Salvatore J. Arrigo

Typed or printed name of patentee/ attorney or agent of record
Finnegan, Henderson, Farabow, Garrett & Dunner, LLP
901 New York Avenue, NW

Address

Washington, D.C. 20001-4413

City, State, Zip Code or Foreign Country as applicable

This collection of information is required by 37 CFR 1.321. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 36 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1460, Alexandria, VA 22313-1460.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

MARCH 26, 1998

PTAS

BURNS, DOANE, SWECKER & MATHIS, L.L.P.
ROBIN L. TESKIN
P.O. BOX 1404
ALEXANDRIA, VIRGINIA 22313-1404



100632652A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 02/03/1998

REEL/FRAME: 8945/0282
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
STICE, STEVEN L.

DOC DATE: 09/02/1997

ASSIGNOR:
ROBL, JAMES M.

DOC DATE: 09/02/1997

ASSIGNOR:
CIBELLI, JOSE

DOC DATE: 09/02/1997

ASSIGNOR:
GOULUEKE, PAUL

DOC DATE: 09/05/1997

ASSIGNEE:
MASSACHUSETTS, UNIVERSITY OF
OFFICE OF VICE CHANCELLOR FOR RESEARCH AT AMHERST
AMHERST, MASSACHUSETTS 01002

SERIAL NUMBER: 08888057
PATENT NUMBER:FILING DATE: 07/03/1997
ISSUE DATE:

APR 7 1998

060270-012

Advance Cell Tech
RLT/ROE

APR 02 2007 12:46 FR FHFGD

2024084400 TO 15712730727#

P.06

8945/0282 PAGE 2

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

APR 02 2007

FORM PTO-1595
(Rev. 6/93)U.S. DEPARTMENT OF COMMERCE
Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney's Docket No. 000270-012

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Steven L. STICE;
James M. ROBL;
Jose CIBELLI; and
Paul GOLUEKEAdditional name(s) of conveying party(ies) attached? ☒ Yes ☐ No

2. Name and address of receiving party(ies):

Name: University of MassachusettsAddress: Office of Vice Chancellor For ResearchAt Amherst.Amherst, Massachusetts 01002Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Other: _____

Execution Date: September 2 and 5, 1997

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

08/888,057

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Robin L. TeskinAddress: BURNS, DOANE, SWECKER & MATHIS, L.L.P.P.O. Box 1404Alexandria, Virginia 22313-14046. Total number of applications and patents involved: One (1)7. Total fee (37 CFR 3.41): 140.00☒ Enclosed☐ Authorized to be charged to deposit account, if necessary

8. Deposit account number:

02-4800

DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard C. Elbaum, Reg. No. 37,027
Name of Person SigningRichard C. Elbaum
SignatureFebruary 3, 1998
DateTotal number of pages including cover sheet, attachments, and document: Three (3)

Mail documents to be recorded with required cover sheet information to:

Comptroller of Patents and Trademarks
Box Assignments
Washington, D.C. 20231DOCKETED
filed 2/3/98

000270-012

Attorney's Docket No.

ASSIGNMENT (JOINT)

THIS ASSIGNMENT, by STEVEN L. STICE, JAMES M. ROBL, JOSE CIBELLI, and PAUL GOLUEKE, residing at 468 AMHERST ROAD, BELCHERTOWN, MASSACHUSETTS 01007; 196 OLD ENFIELD, BELCHERTOWN, MASSACHUSETTS 01007, 166 VILLAGE PARK, AMHERST, MASSACHUSETTS 01002, AND 8 DIANE DRIVE #3, BELCHERTOWN, MASSACHUSETTS 01007 (hereinafter referred to as "the Assignors"), respectively, witnesseth:

WHEREAS, the Assignors have invented certain new and useful improvements in CLONING PIGS USING DONOR NUCLEI FROM DIFFERENTIATED CELLS, [] which is a provisional application to be filed herewith; [] which is a non-provisional application having an oath or declaration executed on even date herewith prior to filing of application; [X] bearing Application No. 08/888,067, and filed on JULY 3, 1997; and

WHEREAS, UNIVERSITY OF MASSACHUSETTS, A PUBLIC INSTITUTION OF HIGHER EDUCATION OF THE COMMONWEALTH OF MASSACHUSETTS, AS REPRESENTED BY ITS AMHERST CAMPUS and having its principal place of business at OFFICE OF VICE CHANCELLOR FOR RESEARCH AT AMHERST, AMHERST, MASSACHUSETTS 01002 (hereinafter referred to as "the Assignee"), is desirous of acquiring the entire right, title, and interest in and to said inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications, including provisional applications for Letters Patent of the United States or other countries claiming priority to said application, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, the Assignors have sold, assigned, transferred, and set over, and by these presents do sell, assign, transfer, and set over, unto the Assignee, its successors, legal representatives, and assigns the entire right, title, and interest in and to the above-mentioned inventions, the right to file applications on said inventions and the entire right, title and interest in and to any applications for Letters Patent of the United States or other countries claiming priority to said application, and any and all Letters Patent or Patents of the United States of America and all foreign countries that may be granted therefor and thereon, and in and to any and all applications claiming priority to said applications, divisions, continuations, and continuations-in-part of said applications, and reissues and extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives, and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted as fully and entirely as the same would have been held and enjoyed by the Assignors had this sale and assignment not been made;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns, that, at the time of execution and delivery of these presents, the Assignors are the sole and lawful owners of the entire right, title, and interest in and to the inventions set forth in said applications and said applications, including provisions applications, above-mentioned, and that the same are unencumbered, and that the Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth;

AND for the same consideration, the Assignors hereby covenant and agree to and with the Assignee, its successors, legal representatives, and assigns that the Assignors will, whenever

Application Serial No. 08/888,057
Attorney's Docket No. 000270-012

counsel of the Assignee, or the counsel of its successors, legal representatives, and assigns, shall advise that any proceeding in connection with said inventions or said applications for Letters Patent or Patents, or any proceeding in connection with Letters Patent or Patents for said inventions in any country, including interference proceedings, is lawful and desirable, or that any application claiming priority to said application, division, continuation, or continuation-in-part of any applications for Letters Patent or Patents, or any reissue or extension of any Letters Patent or Patents to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement, and defense of Letters Patent or Patents for said inventions, without charge to the Assignee, its successors, legal representatives, and assigns, but at the cost and expense of the Assignee, its successors, legal representatives, and assigns;

AND the Assignors hereby request the Commissioner of Patents to issue any and all said Letters Patent of the United States to the Assignee as the Assignee of said inventions, the Letters Patent to be issued for the sole use and behalf of the Assignee, its successors, legal representatives, and assigns.

Date	<u>9/2/97</u>	Signature of Assignor	<u>Steven L. Stice</u> Steven L. STICE
Date	<u>9/2/97</u>	Signature of Assignor	<u>James M. Robl</u> James M. ROBL
Date	<u>9/2/97</u>	Signature of Assignor	<u>Jose GIBEL</u> Jose GIBEL
Date	<u>9/5/97</u>	Signature of Assignor	<u>Paul Golueke</u> Paul GOLUEKE
Date	_____	Signature of Assignor	_____
Date	_____	Signature of Assignor	_____

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- ☐ **BLACK BORDERS**
- ☐ **IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- ☐ **FADED TEXT OR DRAWING**
- ☐ **BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- ☐ **SKEWED/SLANTED IMAGES**
- ☐ **COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- ☐ **GRAY SCALE DOCUMENTS**
- ☒ **LINES OR MARKS ON ORIGINAL DOCUMENT**
- ☐ **REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- ☐ **OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.